

START WORK ON TRUNK SEWER

Commencement of New and Complete System of Drainage.

An appropriate ceremony will mark the beginning of work on the main trunk sewer, which the city has contracted, and for which William Anderson, contractor, when at 11 o'clock tomorrow morning, Mayor G. S. Armstrong, in the presence of city officials and many of the public, as desire to be there, will lay the first invert concrete block in the bed of the Saskatchewan river and only a short distance in the rear of the Edmonton peninsula. The ceremony is to be considered the commencement of a complete system of drainage and sewerage for Edmonton, to be followed year by year upon the lines already laid down.

The present system of sewerage for Edmonton has been developed and evolved to meet the needs of a few scattered houses, and in the last few years rapid development has taken place. A main trunk sewer has been constructed from Rat Creek along the south side of North-West Boulevard, First street, Churchill Street, North-West Avenue, Kinsmen Avenue, and terminating at the E.W. and P. railway track on Stony Plain road.

Many miles of branch sewers have been put in. With the exception of the Main Plain and Prairie areas, which are separate drainage areas, all these branches have been connected with the main trunk system, which discharge into the river at various points.

Joining the incinerator buildings, and nearly opposite Main Street, this is where the wastes travel down the creek and discharge into the Saskatchewan river close to the Saskatchewan bridge in the vicinity of the Standard oil mine.

No main sewer system, for some time it has been evident that a complete system was taking in all possible possibilities and requirements and providing for the disposal of the sewage in a sanitary and efficient manner, was greatly needed.

The first main sewer has been collected covering a period of three years in order that with the time was ripe to start the work, which it is to be approached scientifically. Under the direction of Mr. Alexander Potter, City Engineer LaLorien on March 10, he notified Alexander Potter that his services as consulting engineer were desired by him in preparing a complete scheme for the disposal of sewage for Edmonton. After studying the whole situation and consulting with the city engineer, Mr. Potter recommended the division of Edmonton into drainage districts, which were described at length in his report, and submitted on October 1, 1910. These districts included the original sewer area, taking in that part of the city already sewered, and the new.

The 10 foot 6 inch diameter trunk sewer, of which Major Alexander is to be the engineer, is to be built to take this area as well as practically the entire system yet to be constructed, including, incidentally, the various river ditches and the various districts which have systems of the own.

To Diagnose Sewage: At the mouth of the trunk sewer, a water or storm water overflow will be constructed to separate the water from that entering the river.

This will be carried by a cast iron syphon across the Saskatchewan river to an area of 500 acres in extent, where the water will be treated and purified before it is discharged in either the river or the lakes.

The maximum flood discharge from the sewer will be 78,000 cubic feet per minute of 178,000 gallons.

The sewer is to be built about 200 feet from the river bank.

A rectangular conduit starts from the point where the dead discharge into the river.

The trunk sewer is to be constructed of a ring of concrete blocks, made in proportion of 1 part Portland cement, 2 parts sand, and 3 parts gravel, while the concrete blocks are to be 16x16x16 by the contractor. Behind these blocks is a backing of 4 inches of sand and 6 parts gravel.

The concrete in the sewer is to be placed by hand against the interior and exterior walls, and the joints filled by bonding from the approximate amount of materials sand and gravel.

Concrete blocks, 14x9 cubic yards, concrete reinforcement, 385 tons; concrete reinforcement, 18,000 cubic yards.

Tons over 100 For Average Surface.

The plans provide for five deep manholes for gaining access to the sewer, and at the same time deepen 100 feet from the ground surface. For holding power, electric which are used and work well, however, are needed during construction.

The contract price, for which Mr. Anderson has undertaken the big task, is \$75,000.

Chillian Steamer Wrecked.

Lima, Peru, Sept. 5.—The "Chillian steamer Tucapel has been wrecked" is a total loss. **Globe-News**, Peru.

The steamer Tucapel was engaged in trading on the west coast of South America. She was of 1912 tons net and was commanded by Captain Marton.

Amour's Narrows Escaped.

Minneapolis, Sept. 5.—In a gaiting wind and with a defective engine, Paul Amour's Washington boat, which had 100 feet in front of the State Fair grounds stand, his machine was wrecked, but he was unharmed.

STRONG ARGUMENTS FOR RECIPROCITY

Portsmouth, Eng., Sept. 5.—The feature of today's meeting of the British association was the paper on the subject of reciprocity between the United States and Canada, read by Chas. E. Mallet, ex-financial secretary to the war office and former member of parliament for four years. Mr. Mallet strongly approved the Canadian-American agreement and derided the suggestion that it would lead to annexation.

"The Canadian nationality is far too great a living force today," the speaker said, "to be swallowed up in the United States."

"The more you examine the details of the agreement," said Mr. Mallet, "the more convincing will the evidence appear that though we may sustain some loss of preference on one large group of imports (sheet iron) and on several small ones, no serious grievance on our side can be established. On the other hand, if we in any way interfere to prevent this agreement we should be violating one of the maxims of our Empire: Fiscal freedom for the self-governing Dominions. We should be asking the greatest of our colonies to miss the greatest commercial opportunity offered in Canadian history. We should be making the imperial connection, not hope of profit but sign of loss, in the eyes of the Canadian farmers. We may think our colonies wrong in raising tariffs, wrong in lowering tariffs, wrong in destining any markets but our own, but liberty, they claim, is liberty to do what we think right but what we think wrong. There lies the genius in British statesmen in knowing to whom the leaven belongs."

BIG BANQUET TO ARTILLERY

Duke of Connaught Pre-sides at Send-off to Canadians

Canadian Associated Press

London, Sept. 5.—Last night's first formal dinner, when the Canadian government under the auspices of the N.A. A. to the Canadian Artillery Association, was held at the Savoy Hotel. The dinner, which proved a brilliant spectacle and one which will live in military history, was presided over by the Duke of Connaught, who excepted the Canadian Artillery Association, and the Lord Mayor of London.

He sat across table with his Royal Highnesses the Duke of Connaught and Col. McDowell. The Duke, pronouncing a few words of welcome, told the association that it was wonderfully creditable to the Dominion that they had chosen to honour the Prince of Wales, the Prince of Wales' second principal trophy, and he was delighted to see a full colony on the many trophies they were taking back. He also told the King's Highnesses that he had been told that nothing could do more to promote consternation than their rubbing shoulders in battle.

In conclusion he said it was sailing for home exactly a month hence and he hoped to be back in time for the Atlantic.

Lord Strathcona, following the Duke, told the guests that he had just learned of the Canadian military presence in taking back to Canada more than the 100,000 men who had been sent to Russia. He said the carriers off their transports were due to the Dominion.

Had Skull Fractured. Montreal, Sept. 5.—A Romanian man in a critical condition with a fractured skull is in the Neurological Institute of the University Hospital. He was hit by the police until the extent of his brain's injuries are known.

The man was admitted as a case of drowning by a constable who found him lying on the sidewalk and lay for four hours at the police station.

The constable in the sewer is also strengthened by steel beams against the interior and exterior walls and is protected internally by bonding from the approximate amount of materials sand and gravel.

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GREAT FLOOD IN BIG AREA

Extends Distance of Seven Hundred Miles Along Chinese Coast

Canadian Associated Press

London, Sept. 5.—The great flood which is devastating a part of the province of Hunan, China, is now threatening the coast, a distance of about seven hundred miles.

The banks of the Yangtze River, except in the highlands and around the walled cities and towns,

so far as life of men can be seen, are submerged.

A number of persons have been drowned. Farmers have been compelled to leave their homes and seek shelter elsewhere.

The loss of life is estimated at 10,000.

The Yangtze River in Manchuria is also flooded. Many have been drowned and a serious famine in that section is expected.

The Chinese government has other important interests in Shensi, where a flood has inundated the provinces of Kansu and Lanzhou.

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Asthma

The terrible struggle to breath, the choking, the restricted throat and the painful fits and paroxysms of death.

Two sizes
No. 1, 12 oz.
No. 2, 11 oz.

Mr. J. D. Kellogg's Asthma Remedy

A.G. LANGER IS NEW CHIEF OF CITY POLICE

**With Resignation of H. W. Eisner,
Formerly Occupant Returns to City
Holidays—Assistant Inspector Nie-
holtz to succeed Mr. Laney.**

At a special meeting of the council last evening, held in the mayor's room yesterday, A. C. Laney was appointed Chief of Police in succession to H. W. Eisner and at 2 o'clock the new chief assumed office taking over the new post. Since resigning the position in March of this year, Mr. Laney has been in the service of the city, but his health was not good enough to make him fit for active duty.

It is not uncommon for some time past that Sergeant Nicholas, formerly of the H.N.W.P., has been in the service of the city, but his health was not good enough to make him fit for active duty.

Chief Laney is in charge of the police department under his new chief.

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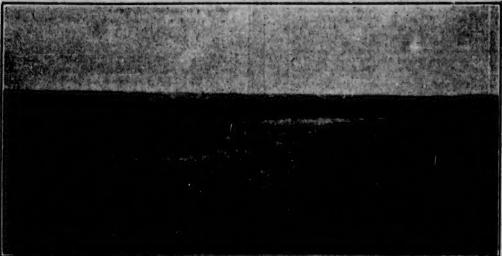
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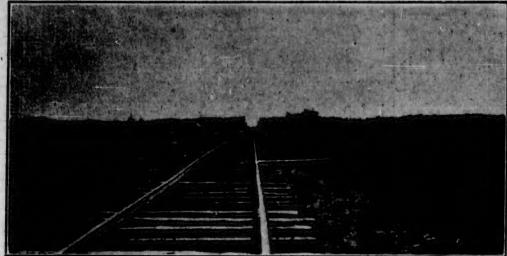
CLYDESDALE

The only Townsite of any Importance Between Edmonton and Athabasca Landing. Just Midway Between the Two

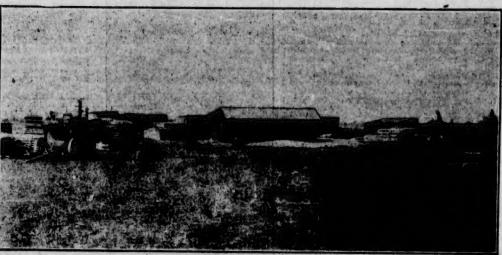
Photographs taken by R. C. Talbot of Strathcona, August 21, 1911.



Construction train of C.N.R. standing at Clydesdale. This view gives an excellent idea of the nature of the ground. Clydesdale stands like an elevated plateau from which are splendid views in nearly all directions. It could not be better adapted if it had been "made to order."



View looking South, showing train on siding at the depot and what the townsite of Clydesdale looks like in the first stage. Note the beautiful level nature of the ground and that it is almost entirely clear of trees. The bush shown in the distance comes beyond the townsite limits.



Lumber waiting to be converted into buildings at Mr. Kackosky's yard. In spite of suffering from two serious fires, this intrepid man has persevered and conquered. He now has vast quantities of lumber and a half section of land all in good shape and proposes to establish a Sash and Door factory at Clydesdale.



Clydesdale Hotel in its first stage. The lumber commenced to arrive on August 23rd, and the building is now well advanced. It will be well equipped in every way with all conveniences and a good well of water close at hand. The hotel will be opened about September 16th.

These photographs show exactly what kind of a proposition Clydesdale is as a Townsite. The fact that the surrounding country is all "Homestead Land" and that it has not been bought for speculation by large corporations, insures a big population, since nearly every quarter section comprises one family holding. Few farms occupy more than 320 acres. The district is 9 years old, therefore the settlement is ahead of the railroad, and the opening of a regular train service is all that is needed to make Clydesdale the busy business and distributing centre for a country stretching 50 miles West, 50 miles East and 15 miles each North and South.

FOR SALE AT

On First St. at No. 774

The Western Real Estate
& Employment Co.

820 1-2 First St.

Phone 4924

Imperial Investment
Company

64 JASPER AVENUE E.

Phone 4652

STRATHCONA

The DeFrain Realty Co.

19 Whyte Avenue W.

Phone 3324



The Weidrick Home is a good sample of what the Clydesdale farms can do. The ploughed land in the foreground is part of one solid piece one mile long by a half mile wide.

